

METOC Information in Military Decision Cycles

INFORMS Annual Meeting
13 NOV 2005
Operations Management with
Weather Forecasts

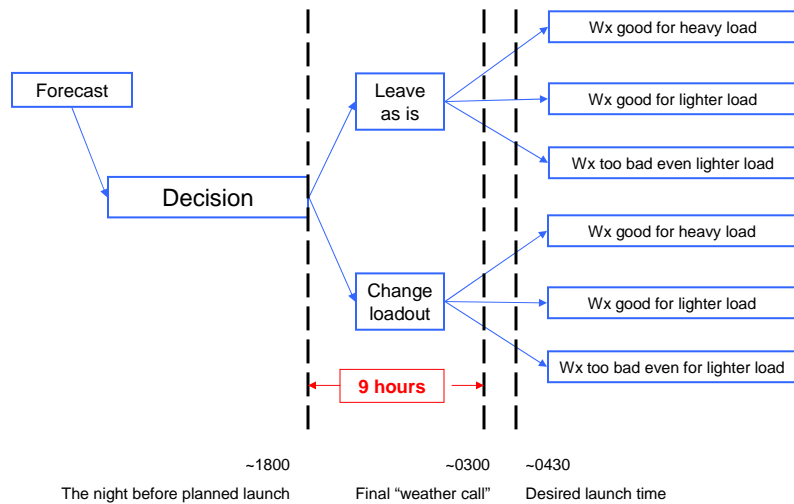
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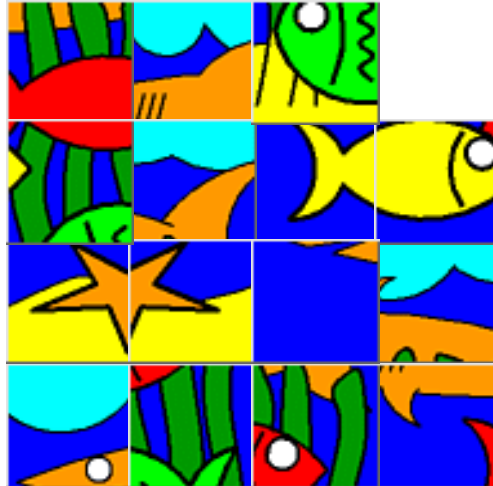




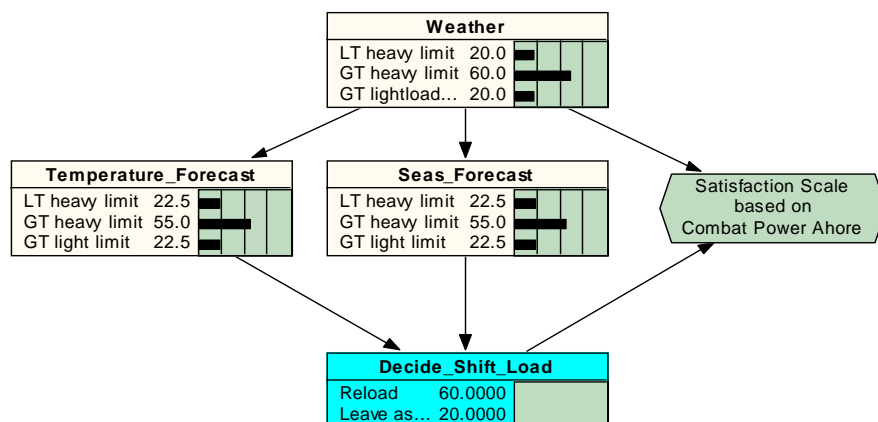


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A Sample Decision Network

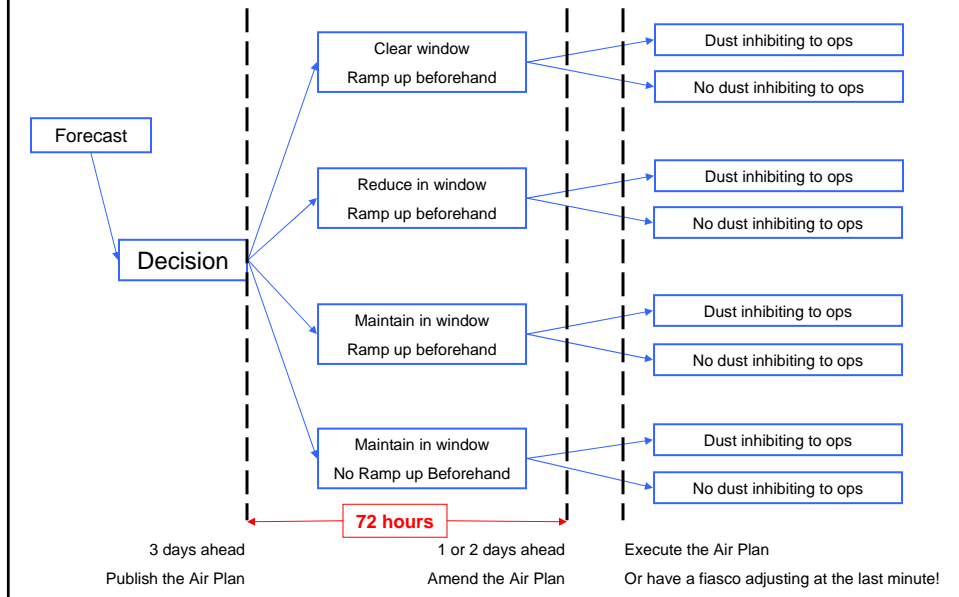


Results Imply...

- A “valuable” forecast may not be the one we intuitively feel is the most valuable.
- Optimum decision dependent on whether perceived usefulness of the forecast (and forecaster!) is the metric, or just “combat power ashore.”
- “Forecaster work ethic” is still important, but for different reasons than we probably imagine.



Air Plan and Dust



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- Optimum decision dependent on whether perceived usefulness of the forecast (and forecaster!) is the metric, or just “combat power ashore.”
- “Forecaster work ethic” is still important, but for different reasons than we probably imagine.
- The sensibleness of “following” the forecast is highly dependent upon climatology.
- The rarer the phenomenon, the higher skill must be for the forecast to be considered “actionable.”
- Sometimes “ignoring” the forecast is the best decision.
- A forecast really is different from a recommendation – and we ought to be more aware of the difference. May even need to be good at both.

